

Work Order ID 101123

June-06-13 7:25:11 AM

slp today

101123

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Item ID: P162-U Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Antenna Crosstube Mount, Universal
 Start Date: 5/30/13 Start Qty: 1.00 *1* Cust Item ID:
 Required Date: 5/30/13 Req'd Qty: 1.00 *1* Customer:
 Reference:

Approvals: Process Plan: W Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									
130	Receive & Inspect for Damage & Mat'l Certs	0.00							
130	Packaging								
Packaging	Memo	0.00							
Packaging									

SP 11.10. 13-06-6 SP

13.66

1

13/6/13 SP

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Item ID: P162-U Accept *N900040100* Setup Start *NS1*
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 Item Name: Antenna Crosstube Mount, Universal
 Start Date: 5/30/13 Start Qty: 1.00 *1* Cust Item ID:
 Required Date: 5/30/13 Req'd Qty: 1.00 *1* Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

MLJ 13-06-06
MF
13-6-6

Picklist Print

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Work Order ID: 101123

Parent Item: P162-U

Parent Item Name: Antenna Crosstube Mount, Universal

Start Date: 5/30/13

Required Date: 5/30/13

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 13.04.18 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

AN3-6A

Bolt

Purchased

No

Each

285.0000

Location

Loc Qty

Loc Code

ST350

214

124296

214

ST351

61

117441

34

121166

13

122993

10

123831

4

ST512

10

122814

10

AN4-11A

Bolt

Purchased

No

Each

152.0000

Location

Loc Qty

Loc Code

FG

20

120731

20

ST514

50

123900

50

ST517

82

124221

82

4

17.11.13-06-6

SP

4x

2

17.11.

SP

2x

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Work Order ID: 101123

Parent Item: P162-U

Parent Item Name: Antenna Crosstube Mount, Universal

Start Date: 5/30/13

Required Date: 5/30/13

Start Qty: 1.00

Required Qty: 1.00

AN4-16A
Bolt

Purchased No

Each 559.0000



M.H. 13-06-6

Location	Loc Qty	Loc Code
FG	5	
121541	5	
ST357	54	
124215	54	
ST514	200	
125427	200	
ST515	200	
125396	200	
ST517	100	
125388	100	

2X



AN525-832R12
Screw

Purchased No

Each 100.0000



M.H. SP

Location	Loc Qty	Loc Code
ST344	100	
125427	100	

4X

G13013-1
Top Bracket

Purchased No

Each 9.0000



M.H. SP

Location	Loc Qty	Loc Code
ST521	9	
102535	9	

1X

G13013-2
Lower Bracket

Purchased No

Each 9.0000



M.H. SP

Location	Loc Qty	Loc Code
ST521	9	
102536	9	

1X

G13013-3
Antenna Bracket

Purchased No

Each 10.0000



M.H. SP

Location	Loc Qty	Loc Code
st535	10	
125416	10	

1X

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Shop Packet Print

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Required Qty: 1.00

Required Qty: 1.00

② 7.10.13-06-6 SF

~~SK~~

2X

1

SP

IX
m. 10. 50

IX

1

M.L.D.

8

IX

1

M.H.

SP

IX

1

7.10

SP

IX

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Work Order ID: 101123

Parent Item: P162-U

Parent Item Name: Antenna Crosstube Mount, Universal

Start Date: 5/30/13

Required Date: 5/30/13

Start Qty: 1.00

Required Qty: 1.00

G13013-10
Lower Bracket

Purchased No

Each 12.0000

Shrs

Location Loc Qty Loc Code

st535 12

125416 12

MS21042108
Nut

Purchased No

Each 4,385.0000

Shp

Location Loc Qty Loc Code

ST315 2385

122141 3

122452 9

122814 500

123900 1873

ST505 2000

125445 2000

MS2104210
Nut

Purchased No

Each 2,405.0000

Shp

Location Loc Qty Loc Code

FP001 3

122141 3

GA 18

122452 18

ST314 268

117885 32

119017 55

119075 138

123265 43

ST506 2116

123900 954

124291 1162

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Work Order ID: 101123

Parent Item: P162-U

Parent Item Name: Antenna Crosstube Mount, Universal

Start Date: 5/30/13

Required Date: 5/30/13

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Nut

Purchased

No

Each

2,971.0000



M.H. 13-06-6



<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
FP001	50	
122452	38	
8182	12	
ST314	1000	
m125708	1000	
st507	1683	
<u>125535</u>	1683	
ST518	238	
124231	238	

4x

NAS1149FN832P

Washer

Purchased

No

Each

16,576.000



M.H.



<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST294	6576	
123522	400	
<u>123900</u>	6176	
ST510a	10000	
125268	10000	

8x

NAS1149F0332P

WASHER

Purchased

No

Each

11,076.000



M.H.



<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
GA	182	
122063	182	
ST294	158	
122063	158	
ST295	3	
123352	3	
st510	5733	
<u>123900</u>	5733	
ST510a	5000	
125646	5000	

8x

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Picklist Print

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Work Order ID: 101123

Parent Item: P162-U

Parent Item Name: Antenna Crosstube Mount, Universal

Start Date: 5/30/13

Required Date: 5/30/13

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0432P

Washer

Purchased

No

Each

1,110.0000



M.H. 13-06-6



Sm

Location

Loc Qty

Loc Code

ST295

1110

122151

2

123522

4

123900

32

124580

13

124859

71

125268

988

8x

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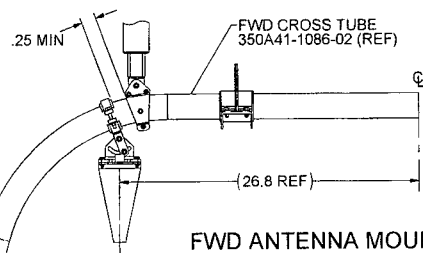
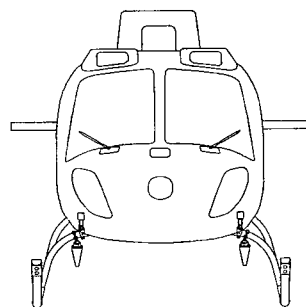
Bill of Material Listing

P162-U Install Kit, Cross Tube Antenna Mount, Bell/AStar

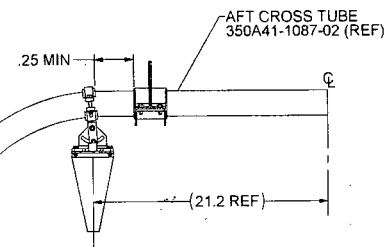
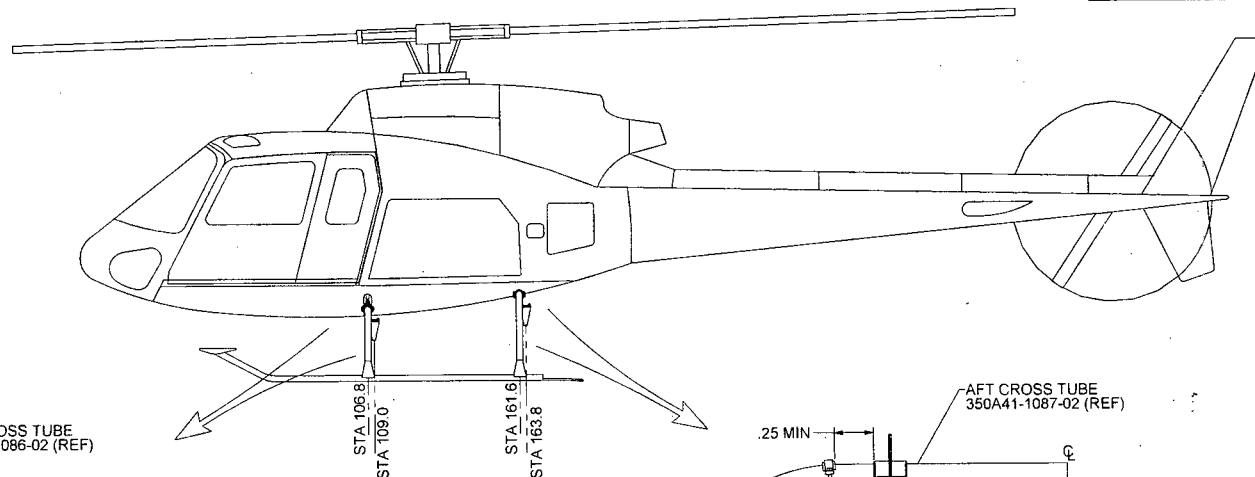
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Level									Part No.	Description	Qty Per		Est. Cost
1	2	3	4	5	6	7	8	9					
1	5								AN3-6A	Hex Bolt, #10-32 x 25/32", 3/8" Grip	4	Consumable	0.19
1	43								AN4-11A	Hex Bolt, 1/4-28 x 1-5/32", 11/16" Grip	2	Consumable	0.4
1	47								AN4-16A	Hex Bolt, 1/4-28 x 1-25/32", 1-5/16" Grip	2	Consumable	0.6
1	22								AN525-832R12	Screw, #8-32 x 3/4", Phil Wshr	4	Consumable	0.2
1	8								G13013-1 Rev B	Top Bracket	1	Consumable	36.4
1	8								G13013-2 Rev B	Lower Bracket	1	Consumable	56.8
1	10								G13013-3 Rev A	Antenna Bracket	1	Consumable	47.75
1	80								G13013-4 Rev	Rubber Cushion	2	Consumable	7.39
1	11								G13013-5 Rev	Top Bracket	1	Consumable	47.72
1	11								G13013-6 Rev	Lower Bracket	1	Consumable	69.09
1	8								G13013-7 Rev	Top Bracket	1	Consumable	47.72
1	8								G13013-8 Rev	Lower Bracket	1	Consumable	69.56
1	12								G13013-9 Rev	Top Bracket	1	Consumable	47.22
1	12								G13013-10 Rev	Lower Bracket	1	Consumable	69.06
1	791								MS21042L08	Lock Nut, #8-32, Mini, Crunch, Lubed	4	Consumable	0.15
1	433								MS21042L3	Lock Nut, #10-32, Mini, Crunch, Lubed	4	Consumable	0.14
1	976								MS21042L4	Lock Nut, 1/4-28, Mini, Crunch, Lubed	4	Consumable	0.2
1	30								NAS1149FN832P	Washer, #8 x 1/32"TH, Flat, S, Cad	8	Consumable	0.07
1	308								NAS1149F0332P	Washer, #10 x 1/32"TH, Flat, S, Cad	8	Consumable	0.17
1	149								NAS1149F0432P	Washer, 1/4" x 1/32"TH, Flat, S, Cad	8	Consumable	0.02
1									MANUAL GA183 Rev K P1	Installation Manual, P162 Cross Tube Antenn	1	Consumable	0
1									MANUAL GA170 Rev D P1	Installation Manual, P162 Cross Tube Antenn	1	Consumable	0

REVISIONS		
REV.	DESCRIPTION	DATE
A	DRAWING MOVED FROM GA170	9/20/11 CLB

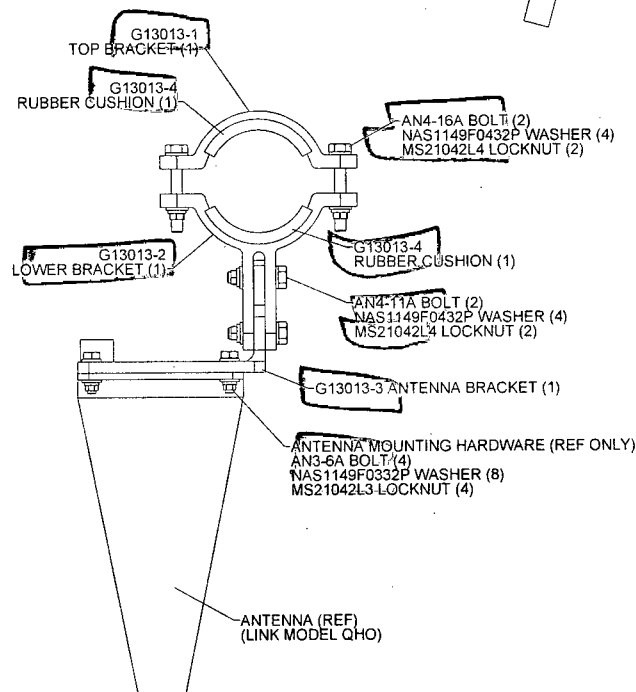
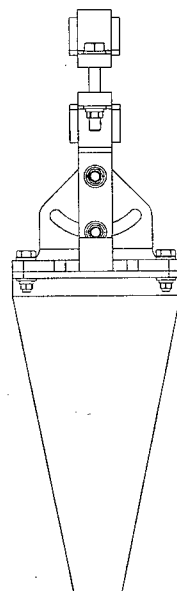


FWD ANTENNA MOUNT
VIEW LOOKING FORWARD



AFT ANTENNA MOUNT
VIEW LOOKING FORWARD

**ANTENNA MOUNT
ASSEMBLY TYPICAL FOR
FWD AND AFT POSITIONS**



SEE GA202-1 INSTALLATION INSTRUCTIONS
FOR ADDITIONAL DETAILS AND REQUIREMENTS
REGARDING THIS INSTALLATION.

BREAK CHANGES		CLB	11/03/08
APPROVED	DATE	BY	DATE
CLB	11/03/08	CLB	11/03/08
GENEVA AVIATION ANTENNA MOUNT INSTALLATION G13013 GA202			

1. Installation

- 1.1. Refer to drawing G13013. What is shown is forward and aft installations on the LH side of the aircraft. It is the installers discretion as to which location or combination of locations is used to mount the antenna(s).
- 1.2. The mount assembly shown in Fig 1 is typical for both forward and aft installations and also for LH and RH side installations.

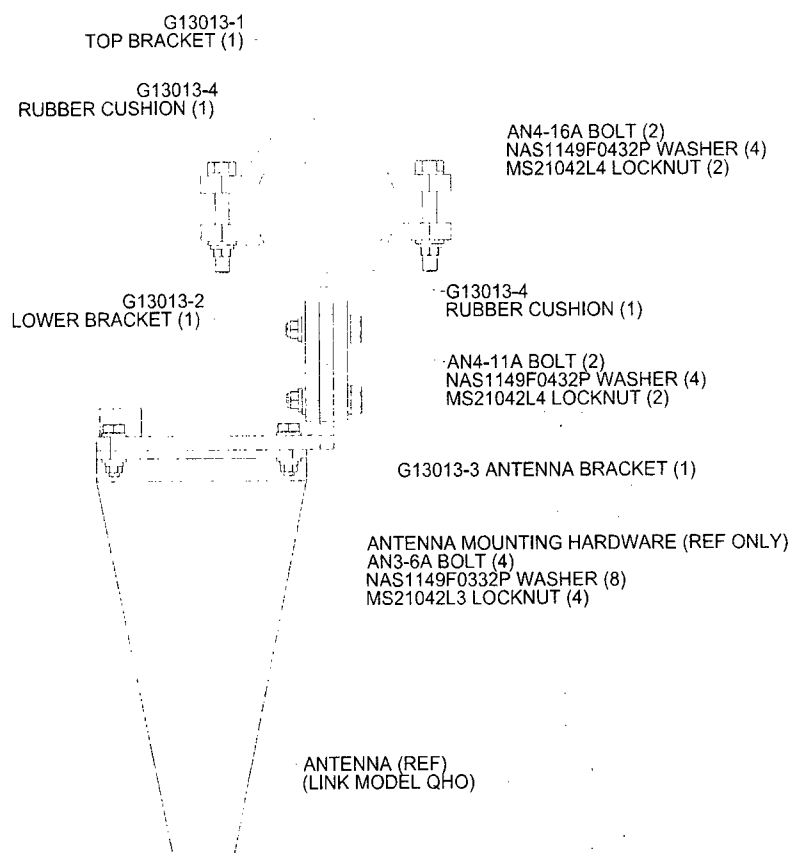


Fig 1 Mount Assembly Details

- 1.3. The antenna shown for reference is a LINK model QHO. The installer may, at the installer's discretion, install any antenna that weighs up to 2.0 lbs and has a cross sectional area of less than 20 sq.in. The QHO Antenna shown weighs 1 lb. and has an area of 18 sq.in.
- 1.4. The mounting hardware shown for the QHO antenna is for reference only. Other antennas may require different hardware depending on the mounting holes. (4) #6-32 screws are a minimum requirement for any antenna. Locknuts or safety wire are to be used to secure the installation. All hardware used must comply with FAA AC 43.13-2B Par. 108.

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Page 1

Item ID: P162-U

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Antenna Crosstube Mount. Universal

Start Date: 5/30/13 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 5/30/13 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start	*NR1*
	QC:	Date:	SPC (Y/N):	Date:		Stop	*NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
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110	Pick Kit	0.00
-----	----------	------

110

Packaging	Memo	0.00
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Packaging

MLJ 13-06-05

120	QC4- 100% Inspect kits for completeness	0.00
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120

QC	Memo	0.00
----	------	------

Quality Control

130	Receive & Inspect for Damage & Mat'l Certs	0.00
-----	--	------

130

Packaging	Memo	0.00
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Packaging